

Statement of Responsibility

As a faculty member at New Mexico State University, my responsibilities fall into three categories of Intellectual Contributions, Teaching, and Service. The first two years of my appointment, my position in the Experimental Statistics Department was allocated among Instruction and General (52%), University Statistics Center (USC) (22%) and Agriculture Experiment Station (26%). The last three years of my appointment have been in the Experimental Statistics Group of the Department of Economics and International Business, where my appointment has been approximately 45% Instruction and General and 55% USC. I was employed to provide consulting, in large part, to the Fisheries and Wildlife Department.

Teaching

My teaching assignment has included service courses at undergraduate and graduate levels, and graduate-level statistics courses for masters' students in Experimental Statistics. My teaching load has ranged between 8 and 11 credit hours per year. Teaching includes advising students, serving on graduate committees, supervising theses, team teaching, developing new courses and presenting guest lectures. I have advised 5 ESTAT graduate students, supervising 2 theses (including one currently). Over the past 4 years, I have served on an average of 19 graduate student committees, mostly from the Fisheries and Wildlife and Biology Departments. I have actively participated in the fieldwork of many students performing surveys for birds, reptiles, amphibians, and elk, and sampling water, sediment and birds for contaminants.

Intellectual Contributions

The mission statement of the USC defines my intellectual contributions, which is "to promote excellence in research at NMSU. This is accomplished by providing statistical consulting (defined as assistance with planning studies, data analysis and interpretation of results) and other statistical services for the research staff of the university." The majority of my consulting activities have been with masters students in the fisheries and wildlife department and the New Mexico Cooperative Fish and Wildlife Research Unit. My participation and contributions from these sources are primarily evident in presentations given at academic meetings. Publication has not been pursued by most of the students and faculty with whom I have worked. Although I do not have formal release time for personal research, I have conducted applied statistical research with ecological applications. I have attracted external funding to examine population trends, conduct power analyses with raptor count data, and to estimate temporal variability in survival rates. These works have resulted in one publication, one manuscript currently in review, and one manuscript in preparation.

Service

I am expected to provide service at the departmental, university and professional level. At the departmental level, I have made contributions to the teaching committee, computing committee and communications committee. Service to the department is also evident through my recruitment efforts for our masters program. In conjunction with my desire to conduct research, I have volunteered to serve on research committees at the college and university level. I have served the profession by refereeing papers for research journals, symposia, and governmental organizations and providing statistical advice to off-campus researchers in several states. I have moderated sessions at regional and national academic meetings and judged student paper competitions at the elementary education through post-graduate levels.

William R. Gould, Assistant Professor
August 1999